

Frequency (MHz)	Pool in which assigned
424.01875*	PS
424.025	PS
424.03125*	PS
424.03750	PS
424.04375*	PS
424.050	PS
424.05625*	PS
424.06250	PS
424.06875*	PS
424.075	PS
424.08125*	PS
424.08750	PS
424.09375*	PS
424.100	PS
424.10625*	PS
424.11250	PS
424.11875*	PS
424.125	PS
424.13125*	PS
424.13750	PS
424.14375*	PS
424.150	PS
424.15625*	PS
424.16250	PS
424.16875*	PS
424.175	PS
424.18125*	PS
424.18750	PS
424.19375*	PS
424.200	PS
424.20625*	PS
424.21250	PS
424.21875*	PS
424.225	PS
424.23125*	PS
424.23750	PS
424.24375*	PS
424.250	PS
424.25625*	PS
424.26250	PS
424.26875*	PS
424.275	PS
424.28125*	PS
424.28750	PS
424.29375*	PS
424.300	PS
424.30625*	PS
424.31250	PS
424.31875*	PS
424.325	PS
424.33125*	PS
424.33750	PS
424.34375*	PS
424.350	PS
424.35625*	PS
424.36250	PS
424.36875*	PS
424.375	PS
424.38125*	PS

Frequency (MHz)	Pool in which assigned
424.38750	PS
424.39375*	PS
424.400	I/LT
424.40625*	I/LT
424.41250	I/LT
424.41875*	I/LT
424.425	I/LT
424.43125*	I/LT
424.43750	I/LT
424.44375*	I/LT
424.450	I/LT
424.45625*	I/LT
424.46250	I/LT
424.46875*	I/LT
424.475	I/LT
424.48125*	I/LT
424.48750	I/LT
424.49375*	I/LT
424.500	I/LT
424.50625*	I/LT
424.51250	I/LT
424.51875*	I/LT
424.525	I/LT
424.53125*	I/LT
424.53750	I/LT
424.54375*	I/LT
424.550	I/LT
424.55625*	I/LT
424.56250	I/LT
424.56875*	I/LT
424.575	I/LT
424.58125*	I/LT
424.58750	I/LT
424.59375*	I/LT
424.600	I/LT
424.60625*	I/LT
424.61250	I/LT
424.61875*	I/LT
424.625	I/LT
424.63125*	I/LT
424.63750	I/LT
424.64375*	I/LT
424.650	I/LT
424.65625*	I/LT
424.66250	I/LT
424.66875*	I/LT
424.675	I/LT
424.68125*	I/LT
424.68750	I/LT
424.69375*	I/LT
424.700	B
424.70625*	B
424.71250	B
424.71875*	B
424.725	B
424.73125*	B
424.73750	B
424.74375*	B
424.750	B

Frequency (MHz)	Pool in which assigned
424.75625*	B
424.76250	B
424.76875*	B
424.775	B
424.78125*	B
424.78750	B
424.79375*	B
424.800	B
424.80625*	B
424.81250	B
424.81875*	B
424.825	B
424.83125*	B
424.83750	B
424.84375*	B
424.850	B
424.85625*	B
424.86250	B
424.86875*	B
424.875	B
424.88125*	B
424.88750	B
424.89375*	B
424.900	B
424.90625*	B
424.91250	B
424.91875*	B
424.925	B
424.93125*	B
424.93750	B
424.94375*	B
424.950	B
424.95625*	B
424.96250	B
424.96875*	B
424.975	B
424.98125*	B
424.98750	B
424.99375*	B
Single channels:	
425.000	B
425.00625*	B
425.01250	B
425.01875*	B
425.025	B
425.03125*	B
425.03750	B
425.04375*	B
425.050	B
425.05625*	B
425.06250	B
425.06875*	B
425.075	B
425.08125*	B
425.08750	B
425.09375*	B
425.100	B
425.10625*	B
425.11250	B

Frequency (MHz)	Pool in which assigned
425.11875*	B
425.125	I/LT
425.13125*	I/LT
425.13750	I/LT
425.14375*	I/LT
425.150	I/LT
425.15625*	I/LT
425.16250	I/LT
425.16875*	I/LT
425.175	I/LT
425.18125*	I/LT
425.18750	I/LT
425.19375*	I/LT
425.200	I/LT
425.20625*	I/LT
425.21250	I/LT
425.21875*	I/LT
425.225	I/LT
425.23125*	I/LT
425.23750	I/LT
425.24375*	I/LT
425.250	PS
425.25625*	PS
425.26250	PS
425.26875*	PS
425.275	PS
425.28125*	PS
425.28750	PS
425.29375*	PS
425.300	PS
425.30625*	PS
425.31250	PS
425.31875*	PS
425.325	PS
425.33125*	PS
425.33750	PS
425.34375*	PS
425.350	PS
425.35625*	PS
425.36250	PS
425.36875*	PS
425.375	PS
425.38125*	PS
425.38750	PS
425.39375*	PS
425.400	PS
425.40625*	PS
425.41250	PS
425.41875*	PS
425.425	PS
425.43125*	PS
425.43750	PS
425.44375*	PS
425.450	PS
425.45625*	PS
425.46250	PS
425.46875*	PS
425.475	PS
425.48125*	PS

\* This frequency is not available until August 16, 1996. After August 16, 1996 this frequency will be assigned with an authorized bandwidth not to exceed 6 kHz.

\* \* \* \* \*

**40.** Section 90.311 is amended by revising paragraph (a) and paragraph (b) to read as follows:

**§ 90.311 Frequencies.**

(a) Except as provided for in § 90.315, the following frequencies in the band 470-512 MHz may be assigned to eligibles in the services as indicated below. The first and last assignable frequencies are shown. Assignable frequencies occur in increments of 6.25 kHz. The separation between base and mobile transmit frequencies is 3 MHz for two frequency operations.

Urbanized Area (Channel Assignment)	Public Safety Pool		Industrial Pools						Petroleum, Forest		Land Transportation Pools				General Access	
	Fire, Police, Local Government, Highway Maintenance, Forestry Conservation, and Emergency Medical Radio Services		Power and Telephone Maintenance Radio Service		Special Industrial Radio Service		Business Radio Service		Products, and Manufacturers Radio Service		Railroad, Motor Carrier, and Automobile Emergency Radio Service		Taxicab Radio Service		Pool	
			Base and Mobile	Mobile	Base and Mobile	Mobile	Base and Mobile	Mobile	Base and Mobile	Mobile	Base and Mobile	Mobile	Base and Mobile	Mobile	Base and Mobile	Mobile
Boston Ch. 14	470.30625 to 471.14375	473.30625 to 474.14375	471.30625 to 471.39375	474.30625 to 474.39375	471.45625 to 471.49375	474.45625 to 474.49375	471.80625 to 472.06875 and 472.10625 to 472.21875 and 472.25625 to 472.26875	474.80625 to 475.06875 and 475.10625 to 475.21875 and 475.25625 to 475.26875	None	None	472.45625 to 472.54375 and 472.58125 to 472.69375 and 472.73125 to 472.74375 and 472.78125 to 472.79375	475.45625 to 475.54375 and 475.58125 to 475.69375 and 475.73125 to 475.74375 and 475.78125 to 475.79375	472.35625 to 472.44375	475.35625 to 475.44375	470.30625 to 472.99375	473.30625 to 475.99375
Ch. 16	482.30625 to 483.14375	485.30625 to 486.14375	None	None	483.48125 to 484.34375	486.48125 to 487.34375	None	None	None	None	None	None	None	None	482.30625 to 484.99375	485.30625 to 487.99375
Chicago																

Ch. 14	470.30625 to 471.14375	473.30625 to 474.14375	None	None	471.43125 to 471.64375	474.43125 to 474.64375	471.80625 to 472.34375 and 472.63125 to 472.79375 and 472.90625 to 472.91875 and 472.95625 to 472.96875 and 472.98125 to 472.99375	474.80625 to 475.34375 and 475.63125 to 475.79375 and 475.90625 to 475.91875 and 475.95625 to 475.96875 and 475.98125 to 475.99375	472.80625 to 472.81875	475.80625 to 475.81875	472.45625 to 472.61875 and 472.93125 to 472.94375	475.45625 to 475.61875 and 475.93125 to 475.94375	None	None	470.30625 to 472.99375	473.30625 to 475.99375	
Ch. 15	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	476.30625 to 478.99375	479.30625 to 481.99375
Cleveland Ch. 14	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	470.30625 to 472.99375	473.30625 to 475.99375
Ch. 15	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	476.30625 to 478.99375	479.30625 to 481.99375
Detroit Ch. 15	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	476.30625 to 478.99375	479.30625 to 481.99375
Ch. 16	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	482.30625 to 484.99375	485.30625 to 487.99375
Los Angeles Ch. 14	470.05625 to 471.13125	473.05625 to 474.14375	471.30625 to 471.31875 and 471.40625 to 471.41875	474.30625 to 474.31875 and 474.40625 to 474.41875	471.43125 to 471.64375	474.43125 to 474.64375	471.15625 to 471.29375 and 471.65625 to 472.44375	474.15625 to 474.29375 and 474.65625 to 475.44375	472.83725 to 472.89375	475.83725 to 475.89375	472.45625 to 472.79375	475.45625 to 475.79375	472.98125 to 472.99375	475.98125 to 475.99375	470.30625 to 472.99375	473.30625 to 475.99375	

Ch. 16 .....	482.00625 to 484.99375	485.00625 to 487.99375	None	None	None	None	None	None	None	None	None	None	None	None	None	None
Ch. 20 .....	506.30625 to 507.26875	509.30625 to 510.26875	507.30625 to 507.40625	510.30625 to 510.40625	507.43125 to 507.64375	510.43125 to 510.64375	507.65625 to 508.44375 and 507.28125 to 507.29375	510.65625 to 511.44375 and 510.28125 to 510.29375	508.80625 to 508.89375	511.80625 to 511.89375	508.45625 to 508.79375	511.45625 to 511.79375	508.90625 to 508.91875	511.90625 to 511.91875	506.30625 to 508.99375	509.30625 to 511.99375
New York Ch. 14 .....	470.30625 to 471.41875	473.30625 to 474.41875	472.95625 to 472.96875 and 472.98125 to 472.99375	475.95625 to 475.96875 and 475.98125 to 475.99375	471.43125 to 471.64375	474.43125 to 474.64375	471.65625 to 472.34375 and 472.75625 to 472.89375	474.65625 to 475.34375 and 475.75625 to 475.89375	None	None	472.45625 to 472.61875	475.45625 to 475.61875	472.35625 to 472.44375 and 472.63125 to 472.66875 and 472.73125 to 472.74375 and 472.68125 to 472.69375	475.35625 to 475.44375 and 475.63125 to 475.66875 and 475.73125 to 475.74375 and 475.68125 to 475.69375	470.30625 to 472.99375	473.30625 to 475.99375
Ch. 15	476.30625 to 477.40625	479.30625 to 480.40625	478.95625 to 478.99375	481.95625 to 481.99375	477.43125 to 477.64375	480.43125 to 480.64375	477.65625 to 478.34375 and 478.75625 to 478.89375	480.65625 to 481.34375 and 481.75625 to 481.89375	None	None	478.50625 to 478.69375 and 478.68125 to 478.69375	481.50625 to 481.69375 and 481.68125 to 481.69375	478.35625 to 478.66875	481.35625 to 481.66875	476.30625 to 478.99375	479.30625 to 481.99375
Philadelphia																

500.30625 to 500.44375 and 500.55625 to 500.56875 and 500.65625 to 500.66875 and 500.68125 to 500.69375 and 500.73125 to 500.74375 and 500.78125 to 500.91875 and 500.95625 to 500.96875 and 500.98125 to 500.99375 and 501.05625 to 501.06875 and 501.10625 to 501.11875 and 501.13125 to 501.14375	503.30625 to 503.44375 and 503.55625 to 503.56875 and 503.65625 to 503.66875 and 503.68125 to 503.69375 and 503.73125 to 503.74375 and 503.78125 to 503.91875 and 503.95625 to 503.96875 and 503.98125 to 503.99375 and 504.05625 to 504.06875 and 504.10625 to 504.11875 and 504.13125 to 504.14375	None	None	501.43125 to 501.49375 and 501.53125 to 501.54375 and 501.60625 to 501.61875	504.43125 to 504.49375 and 504.53125 to 504.54375 and 504.60625 to 504.61875	501.80625 to 502.34375	504.80625 to 505.34375	None	None	502.45625 to 502.79375	505.45625 to 505.79375	None	None	500.30625 to 502.99375	503.30625 to 505.99375
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Ch. 20 .....	None	None	None	None	None	None	507.80625 to 508.19375 and 508.23125 to 508.34375	510.80625 to 511.19375 and 511.23125 to 511.34375	None	None	None	None	None	None	506.30625 to 508.99375	509.30625 to 511.99375
Pittsburgh Ch. 14 .....	None	None	None	None	None	None	471.80625 to 471.81875	474.80625 to 474.81875	None	None	None	None	None	None	470.30625 to 472.99375	473.30625 to 475.99375
Ch. 18 .....	None	None	None	None	None	None	None	None	None	None	None	None	None	None	494.30625 to 496.99375	497.30625 to 499.99375
San Francisco																



Ch. 16 .....	482.30625 to 482.31875 and 482.33125 to 482.34375 and 482.38125 to 482.49375 and 482.53125 to 482.54375 and 482.55625 to 482.56875 and 482.60625 to 482.61875 and 482.68125 to 482.76875 and 482.80625 to 482.91875 and 482.95625 to 482.96875 and 483.00625 to 483.01875	485.30625 to 485.31875 and 485.33125 to 485.34375 and 485.38125 to 485.49375 and 485.53125 to 485.54375 and 485.55625 to 485.56875 and 485.60625 to 485.61875 and 485.68125 to 485.76875 and 485.80625 to 485.91875 and 485.95625 to 485.96875 and 486.00625 to 486.01875	None	None	483.43125 to 483.64375	486.43125 to 486.64375	483.80625 to 484.34375	486.80625 to 487.34375	None	None	484.45625 to 484.79375	487.45625 to 487.79375	None	None	482.30625 to 484.99375	485.30625 to 487.99375
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Ch. 17 .....

488.35625 to 488.46875 and 488.50625 to 488.51875 and 488.55625 to 488.56875 and 488.60625 to 488.69375 and 488.73125 to 488.74375 and 488.76125 to 488.77375 and 488.83125 to 488.84375 and 488.85625 to 488.86875 and 488.90625 to 488.91875 and 488.95625 to 488.96875 and 489.00625 to 489.06875 and 489.10625 to	491.35625 to 491.46875 and 491.50625 to 491.51875 and 491.55625 to 491.56875 and 491.60625 to 491.69375 and 491.73125 to 491.74375 and 491.76125 to 491.77375 and 491.83125 to 491.84375 and 491.85625 to 491.86875 and 491.90625 to 491.91875 and 491.95625 to 491.96875 and 491.00625 to 491.06875 and 491.10625 to	None	None	489.43125 to 489.64375	492.43125 to 492.64375	488.80625 to 489.33125	491.80625 to 492.33125	490.83125 to 490.48375 and 490.85625 to 490.86875 and 490.90625 to 490.91875 and 490.95625 to 490.96875	493.83125 to 493.48375 and 493.85625 to 493.86875 and 493.90625 to 493.91875 and 493.95625 to 493.96875	490.45625 to 490.56875 and 490.60625 to 490.66875 and 490.70625 to 490.71875 and 490.75625 to 490.76875	493.45625 to 493.56875 and 493.60625 to 493.66875 and 493.70625 to 493.71875 and 493.75625 to 493.76875	None	None	488.30625 to 490.99375	491.30625 to 493.99375
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Vashington,DC																	
h. 17 .....	488.30625 to 488.31875	491.30625 to 491.91875	None	None	None	None	None	None	None	None	None	None	None	None	488.30625 to 490.99375	491.30625 to 493.99375	
h. 18 .....	494.30625 to 495.41875	497.30625 to 498.41875	None	None	495.58125 to 495.64375	498.58125 to 498.64375	495.68125 to 496.21875	498.68125 to 499.21875	None	None	496.45625 to 496.61875	499.45625 to 499.61875	496.35625 to 496.39375	499.35625 to 499.39375	494.30625 to 496.99375	497.30625 to 499.99375	

\* \* \*

(3) The following frequencies will be authorized a maximum bandwidth of 6 kHz.

Channel	Frequency
14	470.30625
	475.99375
15	476.30625
	481.99375
16	482.30625
	487.99375
17	488.30625
	493.99375
18	494.30625
	499.99375
19	500.30625
	505.99375
20	506.30625
	511.99375

\* \* \* \* \*

(b) Miami, FL, Dallas, TX, and Houston, TX urbanized area.

Channel 14 (Miami)	Channel 16 (Dallas)	Channel 17 (Houston)
470.30625 to 475.99375	482.30625 to 487.99375	488.30625 to 493.99375

\* \* \*

(2) Base station frequencies for the Petroleum, Forest Products, and Manufacturers Radio Services will be assigned serially beginning at 470.30625 MHz for Miami, 482.30625 MHz for Dallas, and 488.30625 MHz for Houston and progressing upward from those points a channel at a time.

\* \* \*

(4) Base station frequencies for the Business Radio Service will be assigned serially beginning at 470.30625, 471.2625, and 472.3625 MHz for Miami, 483.6125 and 483.1375 MHz for Dallas, and 489.6625 MHz and 490.3625 MHz for Houston and progressing, a channel at a time from those points. Mobile station frequencies are 3 MHz higher than the

corresponding base station frequencies. Normally, each channel shall be substantially filled before the next channel is assigned.

\* \* \* \* \*

41. Section 90.315 is amended by revising paragraphs (j), (l), and (m) to read as follows:

**§ 90.315 Special provisions governing use of frequencies in the 470-494 MHz band (TV Channels 15, 16, 17) in the Southern Louisiana-Texas Offshore Zone.**

\* \* \* \* \*

(j) The following frequency bands are available for assignment in all services for use in the Zones as defined in paragraph (a) of this section.

**PAIRED FREQUENCIES (MHZ)**

Zone	Transmit (or receive)	Receive (or transmit)
A	490.01875 - 490.98125	493.01875 - 493.98125
B	484.01875 - 484.98125	487.01875 - 487.98125
C	478.01875 - 478.98125	481.01875 - 481.98125

Only the first and last assignable frequencies are shown. Frequencies shall be assigned in pairs with 3 MHz spacing between transmit and receive frequencies. Assignable frequency pairs will occur in increments of 6.25 kHz. The following frequencies will be assigned for a maximum authorized bandwidth of 6 kHz: 478.01875, 478.98125, 484.01875, 484.98125, 490.01875, 490.98125, 481.01875, 481.98125, 487.01875, 487.98125, 493.01875, and 493.98125.

\* \* \* \* \*

(l) (Reserved)

(m) (Reserved)

42. Section 90.357 is amended by revising the second sentence of note 1 in paragraph (a)(1) to read as follows:

**§ 90.357 Frequencies for LMS systems in the 902-928 MHz band.**

(a) \* \* \*

(1) \* \* \*

<sup>1</sup> \* \* \* However, the maximum allowable power in these sub-bands is 30 watts ERP in accordance with Section 90.205(j).

43. Section 90.555 is deleted.

\* \* \* \* \*

44. Section 90.741 is amended by revising the table heading to read as follows:

**§ 90.741 Urban areas for nationwide systems.**

\* \* \* \* \*

TABLE

Urban area	North Latitude	West Longitude
	° ' "	° ' "

\* \* \* \* \*

## **APPENDIX G**

Part 90 of Chapter 1 of Title 47 of the Code of Federal Regulations is amended as follows:

### **PART 90 - PRIVATE LAND MOBILE RADIO SERVICES**

1. The authority citation for Part 90 continues to read as follows:

**Authority:** Sections 4, 302, 303, and 332, 48 Stat. 1066, 1082, as amended; 47 U.S.C. 154, 302, 303, and 332, unless otherwise noted.

2. Section 90.175 is amended by revising paragraph (a) to read as follows:

#### **§ 90.175 Frequency coordination requirements.**

\* \* \* \* \*

(a) For frequencies between 25 and 470 MHz: A statement from the applicable frequency coordinator recommending the most appropriate frequency. The coordinator's recommendation may include comments on technical factors such as power, antenna height and gain, terrain and other factors which may serve to minimize potential interference. Tables 1 and 2 in § 90.193 must be used by coordinators to determine co-channel station distance separations between stations participating in a negotiated exclusivity agreement and those stations that are not participating in a negotiated exclusivity agreement. Frequencies in the 450 - 470 MHz band, when used for secondary fixed operations, shall be assigned and coordinated pursuant to § 90.261.

\* \* \* \* \*

3. Section 90.189 is added to read as follows:

#### **§ 90.189 Shared Exclusivity - 150-170, 421-430, and 450-470 MHz Bands**

(a) To promote spectrally efficient technologies (e.g. trunking, TDMA, etc.) and to increase quality of service for licensees, assignments may be limited on certain frequencies in a specific geographic area as set out in §§ 90.190 - 90.193

4. Section 90.190 is added to read as follows:

#### **§ 90.190 User Agreements**

Co-channel licensees, operating in the same geographical area can, by mutual agreement, develop sharing arrangements on their currently licensed frequency or frequencies

that would facilitate their use of advanced technology. The following guidelines will apply to the development of these sharing agreements:

(1) This agreement must be unanimous among all licensees on a given frequency or frequencies within the composite service area, irrespective of the radio service to which each user belongs. Any license application forwarded from a frequency coordinator to the Commission, prior to the date that the coordinator is notified, in writing, of a licensee action to negotiate an agreement will be considered, for the purposes of the agreement, an existing licensee and must be included in the agreement.

(2) All agreements must be finalized by August 31, 2000. Each participant of the plan must agree to utilize equipment designed to operate single mode with a maximum channel bandwidth of 6.25 kHz or equipment designed to operate single mode with a channel bandwidth of 12.5 kHz provided that it meets the efficiency standard of one communication channel per 6.25 kHz within 5 years after an agreement is finalized.

(3) A 90 day temporary freeze on the assignment of new licensees on a given frequency or frequencies will be made when a licensee, who desires to negotiate with other co-channel users to enter a sharing agreement, notifies all frequency coordinators who have cognizance of that frequency. This notification must be in writing and include:

(i) The frequency or frequencies under consideration.

(ii) A description of all co-channel licensees who must be a party to the agreement. This description will include: a list of all affected co-channel licensees, their base station locations (latitude and longitude), their current service areas, and their exclusivity service area.

(A) The exclusivity service area for each licensee will be defined as a point radius centered on their base station. The maximum radius defining the size of the exclusivity service area will consistant with the specifications of § 90.205.

(4) During the temporary freeze on new licenses in the exclusivity service area, no new licenses will be granted without the consent of all existing users within this area. Co-channel licenses will be granted outside of the exclusivity service area at minimum distances as determined by the tables of § 90.193. Existing licensees who are located outside of the composite service area and closer than the minimum distance to this area as specified by the tables of § 90.193 may continue to operate on a co-primary basis with all licensees inside the composite service area.

(5) If at the completion of the 90 day period, a unanimous agreement is not reached among all licensees, the freeze on new authorizations on the frequency or frequencies within this area will be lifted. No licensee who is located within the exclusivity service area may file a new notification to temporarily freeze this frequency or frequencies in this area for a



minimum of one calendar year from the date the temporary freeze expires. All parties are still free to negotiate an agreement, but must include any new licensees who are located within the composite service area.

(6) If prior to or at the completion of the 90 day period, a unanimous agreement is reached among all licensees, the freeze on new authorizations on this frequency or frequencies in this composite service area will be made permanent. No new licenses will be granted on this frequency or frequencies in the exclusivity service area without the consent of participants in the agreement, but systems subject to the agreement can be modified, expanded, or renewed. Existing licensees who are located outside of the exclusivity service area and closer than the minimum distance to this area as specified by the tables of § 90.193 may continue to operate on a co-primary basis with all licensees inside the exclusivity service area.

(i) The final agreement will be filed with all cognizant frequency coordinators. This agreement will include:

(A) The frequency or frequencies which are covered under the agreement.

(B) Signatures of all parties to the agreement.

(C) A description of all co-channel licensees who must be a party to the agreement. This description will include: a list of all affected co-channel licensees, their base station locations (latitude and longitude), their current service areas, and their exclusivity service area.

(D) A plan for complying with the requirement to employ narrowband technology within five (5) years from the agreement date.

(ii) The coordinator must make this agreement available to the public upon request.

(iii) New co-channel licenses will not be granted closer to the composite service area than the minimum distances determined by the tables in § 90.193.

(iv) If a licensee expands a system after an agreement is negotiated and filed with the cognizant frequency coordinators, then any portion of the expanded service area which falls outside of the composite service area of the agreement, will not be afforded the protection of the tables in § 90.193 from co-channel licensees, unless a new agreement which includes the expanded area is negotiated.

5. Section 90.191 is added to read as follows:

**§ 90.191 Sell or Lease of Excess Capacity**

Licensees who participate in a sharing plan and have fully converted their systems to narrowband or equivalent operation may lease excess capacity of their systems.

6. Section 90.193 is added to read as follows:

**§ 90.193 Shared Exclusivity Separation Distances**

The minimum distance between an existing base station that is included in a negotiated exclusivity agreement and a proposed co-channel station not included in the agreement will be determined from Tables 1 and 2.

**Table 1: 150-174 MHz - Minimum Distance (km)  
between Existing Base Stations and Proposed Stations <sup>1</sup>**

Proposed service area (km)	Existing station service area radius (km) <sup>2</sup>									
	3	8	13	16	24	32	40	48 <sup>3</sup>	64 <sup>3</sup>	80 <sup>3</sup>
3	16	27	45	60	84	90	100	111	138	162
8	27	32	50	64	88	95	105	118	143	164
13	45	50	55	69	93	100	110	122	148	169
16	60	64	69	70	97	103	113	130	151	172
24	84	88	93	97	105	111	121	134	160	180
32	90	95	100	103	111	119	129	142	167	188
40	100	105	110	113	121	129	140	150	176	196
48 <sup>3</sup>	111	118	122	126	134	142	150	158	184	204
64 <sup>3</sup>	138	143	148	151	160	167	176	184	194	220
80 <sup>3</sup>	162	164	169	172	180	188	196	204	220	237

<sup>1</sup> Distances are based upon 37 dBu desired and 19 dBu undesired signal strengths and are derived from FCC Report R-6602, Figs. 19 and 20 (See § 73.699, Figs. 10 and 10a)

<sup>2</sup> For those stations licensed before August 1, 1996, whose authorizations do not include a service area radius or area of operation, the service areas will be determined from Table 1 using the station's authorized transmitter power increased by 3 dB or its actual ERP when given, and the antenna height above sea level in lieu of HAAT, or the HAAT if given.

<sup>3</sup> Permitted only for base stations located 200 km (125 mi) or more from the center of markets 1-60 as listed in § 90.741. Applicants for such systems must demonstrate that the signal strength at the edge of their service area does not exceed 37 dBu.

**Table 2: 421-430, 450-470 MHz - Minimum Distance  
between Existing Base Stations and Proposed Stations <sup>1</sup>**

Proposed service area (km)	Existing station service area radius (km) <sup>2</sup>									
	3	8	13	16	24	32	40 <sup>3</sup>	48 <sup>3</sup>	64 <sup>3</sup>	>64 <sup>3</sup>
3	16	27	43	55	68	80	97	111	155	180
8	27	32	48	60	72	85	101	118	159	185
13	43	48	53	64	77	90	106	122	164	190
16	55	60	64	68	80	93	109	126	167	194
24	68	72	77	80	89	101	118	134	175	201
32	80	85	90	93	101	109	126	142	184	209
40 <sup>3</sup>	97	101	106	109	118	126	134	150	192	217
48 <sup>3</sup>	111	118	122	126	134	142	150	158	200	225
64 <sup>3</sup>	155	159	164	167	175	184	192	200	216	242
>64 <sup>3</sup>	180	185	190	193	201	209	217	225	241	253

<sup>1</sup> Distances are based upon 37 dBu desired and 19 dBu undesired signal strengths and are derived from FCC Report R-6602, Figs. 19 and 20 (See § 73.699, Figs. 10 and 10a)

<sup>2</sup> For those stations licensed before August 1, 1996, whose authorizations do not include a service area radius or area of operation, the service areas will be determined from Table 1 using the station's authorized transmitter power increased by 3 dB or its actual ERP when given, and the antenna height above sea level in lieu of HAAT, or the HAAT if given.

<sup>3</sup> Permitted only for base stations located 200 km (125 mi) or more from the center of markets 1-60 as listed in § 90.741. Applicants for such systems must demonstrate that the signal strength at the edge of their service area does not exceed 37 dBu.